TABLE 8

EFFICACY TESTS OF −30 MESH CORNCOB PELLET WITH INCORPORATED BTI

	Pre-Treatment	Post-Treatment
Larva Count (average per dip)	12.3%	.775%
Pupae Count (average per dip)	1.0	2.275
Larval Reduction	—	93.4
Minimum Control Demonstrated (all post treatment larvae counted as exposed to toxicant)		75.2%

TABLE 9

EFFICACY OF −30 MESH CORNCOB PELLETS COATED WITH 5% BTI PRIMARY POWDER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14
@ 5 lbs/ Acre	99	99	100	99	99	92	96	68	52	47	39	32	33	19
@ 10 lbs/ Acre	100	100	100	100	100	100	100	100	100	100	97	97	99	100

DAY	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
@ 5 lbs/ Acre	31	22	19	14	6	1	0									
@ 10 lbs/ Acre	100	100	100	100	100	97	97	95	68	94	99	84	97	96	99	55

TABLE 10

EFFICACY TESTING OF BTI PRIMARY POWDER INCORPORATED INTO A 2030 MESH FINE AND COARSE CHAFF CORNCOB PELLET

	24 Hours Post Treatment	48 Hours Post Treatment
Average % Mortality	87.8	98.8
Range % Mortality	74–94	90–100

What we claim is:

1. A controlled release agglomerated carrier including a quicker releasing component and a slower releasing component, said quicker releasing component comprising separated ground pith and fine and coarse chaff portions of a corncob, said slower releasing component comprising separated ground woody ring portions of a corncob, said components being combined in said carrier such that said carrier contains not more than 95% by weight of said quicker releasing component and not less than 5% by weight of said slower releasing component, said quicker and slower releasing components being a particle size that will pass through a 10 mesh (U.S. standard series) screen before being agglomerated, said quicker releasing component being impregnated with a pesticide capable of binding with organic matter at one concentration level and said slower releasing component being impregnated with a pesticide capable of binding with organic matter at a second concentration level.

2. A controlled release agglomerated carrier according to claim **1** wherein said pesticide is chlorpyrifos.

3. A controlled release agglomerated carrier according to claim **1** wherein said pesticide is an insecticide.

4. A controlled release agglomerated carrier according to claim **1** wherein said pesticide is a herbicide.

5. A controlled release agglomerated carrier according to claim **1** wherein said pesticide is *Bacillus thuringiensis* var. *israelensis.*

6. A controlled release agglomerated carrier according to claim **1** wherein said carrier acts as a bait for insect larvae.

7. A method of making a controlled release agglomerated carrier comprising the steps of combining not more than 95% by weight of a quicker releasing component comprising the separated ground pith and fine and coarse chaff portions of a corncob with not less than 5% by weight of a slower releasing component comprising the separated ground woody ring portion of a corncob, including impregnating said slower and quicker releasing components with a pesticide, mixing said slower and quicker releasing components and agglomerating the mixture of said slower and quicker releasing components.

8. A method of making a controlled release agglomerated carrier according to claim **7** wherein said pesticide is an insecticide.

9. A method of making a controlled release agglomerated carrier according to claim **7** wherein said pesticide is a herbicide.

10. A method of making a controlled release agglomerated carrier according to claim **7** wherein said pesticide is *Bacillus thuringiensis* var. *israelensis.*

11. A method of making a controlled release agglomerated carrier according to claim **7** wherein said carrier is surface coated with a pesticide capable of binding with organic matter.

12. A method of making a controlled release agglomerated carrier according to claim **7** wherein said pesticide is chlorpyrifos.

13. A controlled release agglomerated carrier which acts as a bait for insect larvae including a quicker releasing component and a slower releasing component, said quicker releasing component comprising separated ground pith and fine and coarse chaff portions of a corncob, said slower releasing component comprising separated ground woody ring portions of a corncob, said quicker releasing component being impregnated with a pesticide capable of binding with organic matter at one concentration level, said slower releasing component being impregnated with a pesticide capable of binding with organic matter at a second concentration level, said components being combined in said carrier such that said carrier contains not more than 95% by weight of said quicker releasing component and not less than 5% by weight of said slower releasing component, said quicker and slower releasing components being of a particle size that will pass through a 20 mesh (U.S. standard series) screen before being agglomerated.

14. A controlled release agglomerated carrier which acts as a bait for insect larvae according to claim **13** wherein said pesticide is *Bacillus thuringiensis* var. *israelensis.*